

Auddard & Co.

9.20.23

MINUTES

# Summary of Tasks/Deliverables

## Deliverables:

1. Common software engineering artifacts
  - a. [Project management plan](#)
  - b. Requirements document
  - c. Design document\*\*
    - i. Seamlessly aligns with the specified requirements
  - d. Test cases\*\*
2. Well documented C++ program that can evaluate arithmetic expressions with the specified operators and features
3. A user manual or README file explaining how to use the program, including examples

## Project Tasks:

1. Expression Parsing:
  - a. Implement a function to tokenize the input expression
  - b. Create a data structure, such as a stack or a tree, to represent the expression's structure
2. Operator Precedence:
  - a. Define the precedence of the operators according to the PEMDAS rules
  - b. Implement the logic to evaluate the expression while considering operator precedence
3. Parenthesis Handling
  - a. Develop a mechanism to identify and evaluate expressions within parentheses
4. Numeric Constants:
  - a. Recognize numeric constants in the input. Initially assume the input will be integers only. In the future, there may be a request to accommodate floating point input values also so you experience change requests and embracing changes
5. User Interface:
  - a. Create a user-friendly and legible command-line interface that allows users to enter expressions and displays the calculated results
6. Error handling:
  - a. Implement robust error handling to manage scenarios like division by zero or invalid expressions

## September 20, 2023

---

Meeting Commenced: 10:08 PM

Location: Zoom

Attendance:

☒ ~~Sriya Annem~~

☒ ~~Lauren D'Souza~~

☒ ~~Ella Nguyen~~

☒ ~~Morgan Nguyen~~

☒ ~~Audrey Pan~~

☒ ~~Tanu Sakaray~~

Additional Notes: N/A 100% attendance

### Meeting Goals/Agenda:

1. Company Name:
  - Auddard & Co.
2. Fill out [Roles, Responsibilities, Availability](#) (3.3)
  - a. Assigned each member to a specific role, with listed responsibilities for only certain roles
  - b. We will have to decide on specific responsibilities for the following roles: **Technical Lead (Ella), Data Administrator/Quality Assurance (Tanu)**
3. Assign someone to create git repository
  - Lauren created git repository
  - Needs everyone's emails
  - Everyone has received invitation
4. Assign each member to specific sections of the Project management plan for them to fill out
  - Section 1: Tanu
  - Section 2: Sriya
  - Section 3: Ella
    - 3.3 - For availability of each member, can use the When2Meet, if there are issues with that, we can send out a doc for everyone to fill out their availabilities
  - Section 4: Lauren & Morgan
    - One of the longer sections, so it will be completed by two people
  - Section 5: Audrey
5. Assign Project Tasks to each person
  - Not going to be due on Sunday 9/24/23
    - Task 1: Lauren
    - Task 2: Sriya
    - Task 3: Ella
    - Task 4: Tanu
    - Task 5: Audrey
    - Task 6: Morgan
6. Determine schedule and due date for tasks (4.2.4) [When2Meet](#) schedule follow-up

- a. Will try to schedule a time on Sunday for us to review our finished Project management plan. Space for last minute clarifications if necessary.